

I claim:

1. A device for selectively positioning members relative to one another comprising;
  - a) a mounting member, said mounting member defining a slot and an elliptical channel;
  - b) a strut member, said strut member movably disposed within said mounting member; and
  - c) a means to retain said strut member, said retaining means comprising:
    - a stud, said stud attached to said strut member, said stud being slidably disposed within said slot and a tubular guide, said guide disposed within said channel.
2. The positioning device of claim 1 wherein said retaining means extends into said slot and moves between two extreme positions therewithin.
3. The positioning device of claim 1 wherein said strut defines a cavity, a resilient member, said resilient member contained within said cavity.
4. The positioning device of claim 3 wherein said resilient member is in frictional contact with said mounting member.

5. The positioning device of claim 3 wherein said resilient member is a polymeric tube.
6. The positioning device of claim 1 wherein said mounting member is formed by extrusion.
7. The positioning device of claim 1 wherein said strut member is L-shaped.
8. The positioning device of claim 1 further comprises mounting flanges, said mounting flanges attached to said mounting member.
9. The positioning device of claim 1 wherein said mounting flanges define slots.
10. The positioning device of claim 1 further comprising means for engaging said strut member, said engaging means comprising:
  - a) a plurality of channels longitudinally disposed within said mounting member;
  - b) a plurality of guides, said guides disposed within said channels; and
  - c) means for securing said guides within said channels, said securing means attached to said mounting member.

11. The positioning device of claim 10 wherein said guides comprise polymeric tubes.
12. The positioning device of claim 10 wherein said channels each provide a cavity surrounding said guides.
13. The positioning device of claim 1 wherein said mounting member is a chair seat.
14. The positioning device of claim 12 wherein said securing means are integrally formed on the ends of said guides.
15. A device for positioning members relative to one another comprising:
  - a) a mounting member, said mounting member defining an elliptical channel;
  - b) a strut member, said strut member being movably disposed within said mounting member;
  - c) means to retain said strut member, said retaining means for limiting displacement of said strut member relative to said mounting member, said retaining means comprising:
    - a stud, said stud being fixedly attached to said strut member, said stud being slidably disposed relative

to said slot in said mounting member;  
and

- d) a means to selectively adjust the position of said strut member relative said mounting member, said mounting member defining a slot, and a plurality of notches and teeth along one side of said slot, a flexible stud, said flexible stud affixed to said strut for selective engagement within said notches.

16. The positioning device of claim 16 wherein said flexible stud defines a cavity.